

# Academic Curriculum Vita



## Personal Information:

Full Name: SIRWA ANWAR QADIR

Academic Title: Assistant professor

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## Education:

- (2017) Awarded Ph.D. in Plant Physiology split-site inter ship Ph.D. (Universiti Teknologi Malaysia- University of Salahaddin)
- (2006) M.Sc. in Plant Physiology, Dept. of Biology, College of Education, University of Salahaddin - Erbil, Iraq.
- (1999) Awarded B.Sc. in Biology, Dept. of Biology, College of Science, University of Salahaddin - Erbil, Iraq.
- (1995) Baccalaureate, Science Branch, Ronakey Secondary School, Erbil, Iraq.

## Employment:

- From 2000 to 2003 I worked as Lab assistant at Botany and entomology Lab.
- From 2003 to 2006 I was M.Sc. student at Biology Dept. / Education College.
- Since 2006 Lecturer till 2008 at Plant Protection Dept., College of Agriculture, University of Salahaddin – Erbil, Iraq.
- from 2008 till 2016 Lecturer at Department of Horticulture, College of Agriculture, University of Salahaddin – Erbil, Iraq.
- From 2017 to 2018; Part time Lecturer at Education College, Biology Dept., Ishik University- Erbil- Iraq • Currently I work as a full time Assistant professor at Department of Forestry, College of Agricultural Engineering Sciences, Salahaddin University- Erbil, Iraq.

## **Qualifications**

- Language qualifications (IELTS)
- Professional qualifications:
  1. STATISTICS AND STATISTICAL DATA ANALYSIS USING SPSS AND GRAPHPAD PRISM/ Department of Mathematics College of Science, Salahaddin University- Erbil- Iraq /. 10th to 14th March-2019.
  2. LEARNING MANAGEMENT SYSTEM- MOODLE/ research center, Salahaddin University- Erbil, Iraq. 27th to 31st March 2019.
  3. ELSEVEVIER AUTHOR WORKSHOP 2016: HOW TO GET PUBLISHED. 18th February 2016.
  4. “BASIC TECHNIQUES IN PLANT TISSUE CULTURE AND TECHNOLOGY WORK SHOP 2015” 21st -22nd December-2015 at Faculty of Bioscience and Medical Engineering/ Universiti Teknologi Malaysia/ Johour Barouh/ Malaysia.
  5. Teaching Method training/ Presidency of Salahaddin University on 16th September to 5th October-2006.
  6. Computer training (M.S Word, Excel & Power point). Agriculture College. 10th to 30th October-2001.

## **Teaching experience:**

- Teaching the following courses for undergraduate students:
  1. General Botany
  2. Principles of Plant Physiology
  3. Forest Trees Physiology
  4. Research Methods
  5. Forest Biotechnology
  6. Nurseries and Tree Propagation
  7. Design of Experiment and Analysis.
  8. Statistics.

Teaching the following advanced courses for M.SC students:

1. Advanced Trees Physiology.
2. Data Analysis
3. Plant stress physiology
4. Root physiology.
5. Plant growth regulator.

## **Research and publications**

1. Qadir, S.A., Sabr, H.A. and Younis, A.M., 2022. Growth Performance of Black poplar (*Populus nigra* L.) Under Drought Condition and Sewage Water Irrigation. *Basrah Journal of Agricultural Sciences*, 35(1), pp.21-34.  
<https://doi.org/10.37077/25200860.2022.35.1.02>
2. Qadir, S.A., 2021. INFLUENCE OF DIFFERENT SEED PRIMING TECHNIQUES ON THE GROWTH AND VIGOR OF TWO (*TRITICUM AESTIVUM* L.) BREAD WHEAT GENOTYPES. *Plant Archives*, 21(1), pp.1751-1756.  
[https://scholar.google.com/citations?view\\_op=view\\_citation&hl=en&user=c7a-BcAAAAJ&authuser=2&citation\\_for\\_view=c7a-BcAAAAJ:roLk4NBRz8UC](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=c7a-BcAAAAJ&authuser=2&citation_for_view=c7a-BcAAAAJ:roLk4NBRz8UC)
3. RASHID, T.S., QADIR, S.A. and AWLA, H.K., 2021. Induction of defence related enzymes and biocontrol efficacy of *Trichoderma harzianum* in tomato plants infected with *Fusarium oxysporum* and *Fusarium solani*. *Acta agriculturae Slovenica*, 117(1), pp.1-6.  
<http://ojs.aas.bf.uni-lj.si/index.php/AAS/article/view/1622>
4. Karim, S.A., Qadir, S.A. and Sabr, H.A., 2020. Study some of morphological and physiological traits of Kurrajong *Brachycton populneus* (Schott & Endl.) seedlings planted under water stress conditions. *Basrah J. Agric. Sci.*, 33(1), pp.213-220.  
<https://doi.org/10.37077/25200860.2020.33.1.16>
5. Qadir, S. (2019). Wheat Grains Germination and Seedling Growth Performance under Drought Condition. *Basrah Journal of Agricultural Sciences*, 31(2), 44-52.  
<https://doi.org/10.37077/25200860.2018.99>
6. Qadir, S.A., 2019. ABSCISIC ACID ACCUMULATION AND PHYSIOLOGICAL INDICES IN RESPONSES TO DROUGHT STRESS IN WHEAT GENOTYPES. *Iraqi Journal of Agricultural Science*, 50(2), pp.705-712.  
<https://www.iasj.net/iasj/download/3e59f7962c28a65e>
7. Qadir, S. A., Khursheed, M. Q., & Huyop, F. Z. (2017). Drought Tolerance and Genetic Diversity among Selected Wheat Cultivars. *ZANCO Journal of Pure and Applied Science*, 29 (3); 110-117.  
<http://zancojournals.su.edu.krd/index.php/JPAS/article/view/893>
8. Qadir, S. A., Khursheed, M. Q., & Huyop, F. Z. (2016). In vitro culture characters of some Bread wheat genotypes under Drought stress condition. *Journal of Agricultural Faculty of Uludag University*, 30, Number (Special Issue); 11-16.

[https://www.researchgate.net/profile/Mohammed\\_Qader\\_Khursheed2/publication/313970176\\_In\\_vitro\\_culture\\_characters\\_of\\_some\\_Bread\\_wheat\\_genotypes\\_under\\_Drought\\_stress\\_condition/links/58b05f8e92851cf7ae8ba5d5/In-vitro-culture-characters-of-some-Bread-wheat-genotypes-under-Drought-stress-condition.pdf](https://www.researchgate.net/profile/Mohammed_Qader_Khursheed2/publication/313970176_In_vitro_culture_characters_of_some_Bread_wheat_genotypes_under_Drought_stress_condition/links/58b05f8e92851cf7ae8ba5d5/In-vitro-culture-characters-of-some-Bread-wheat-genotypes-under-Drought-stress-condition.pdf)

9. Qadir, S. A., Khursheed, M. Q., & Huyop, F. Z. (2016). Effect of Drought Stress on Morphology, Growth and Yield of Six Bread Wheat (*Triticum aestivum* L.) Cultivars. *ZANCO Journal of Pure and Applied Sciences*, 28(3), 37-48.

<http://zancojournals.su.edu.krd/index.php/JPAS/article/view/906>

10. Muhammad, M. Q., Khursheed, M. Q., & Anwar, S. (2022). Response of Durum Wheat (*Triticum durum* L.) Genotypes to Drought stress at Early Growth Stage.

[doi: 10.33794/qjas.2022.134718.1060](https://doi.org/10.33794/qjas.2022.134718.1060)

11. Ahmed, A. A., Qadir, S. A., & Tahir, N. A. R. (2022). Genetic Variation and Structure Analysis of Iraqi Valonia Oak (*Quercus aegilops* L.) Populations Using Conserved DNA-Derived Polymorphism and Inter-Simple Sequence Repeats Markers. *Plant Molecular Biology Reporter*, 1-14.

<https://link.springer.com/article/10.1007/s11105-022-01347-5>

12. Alaaddin Ahmed, A., Anwar Qadir, S., & Tahir, N. A. R. (2022). CDDP and ISSR markers-assisted diversity and structure analysis in Iraqi Mazu (*Quercus infectoria* Oliv.) accessions. *All Life*, 15(1), 247-261.

<https://doi.org/10.1080/26895293.2022.2042401>

13. Muhammad, M. Q., Khursheed, M. Q., & Qadir, S. A. (2023). Response of Some Bread Wheat Genotypes (*Triticum aestivum* L.) to Salinity at Early Growth Stage. *Zanco Journal of Pure and Applied Sciences*, 35(2), 173-180.

<https://doi.org/10.21271/ZJPAS.35.2.18>

#### **Book Chapter:**

Qadir, S. A., Khursheed, M. Q. (2016). Molecular Characterization of Bread Wheat Cultivar for Drought Tolerance using RAPD. Huyop F. Z. *Plant Biotechnology "Sustainable Solution for the Future"*. Universiti Teknologi Malaysia.

#### **Conferences and courses attended**

- 27th INTERNATIONAL SCIENTIFIC-EXPERT CONGRESS OF AGRICULTURE AND FOOD INDUSTRY/ Uludagh University Bursa /Turkey. 26th to 28th SEPTEMBER-2016.
- Exhibitor for Salahaddin University for “UTM STUDY ABROAD FAIR 2016” (SAF 2016) on 6th March to 7th March-2016.

### **Professional Social Network Accounts:**

- [https://scholar.google.com/citations?hl=en&user=\\_c7a-BcAAAAJ&view\\_op=list\\_works&citft=1&citft=2&citft=3&email\\_for\\_op=sirwa.qadir77%0gmail.com&gmla=AJsNF5\\_n4dXMsvPuQGY16f9drUx3yVa2nlxBPx1DSSjGGzN1th2ftKH73GYxSDWd0nglKnZJ1t6J7MeSk\\_dd82FurqAeu6toMBHdYWibHMmNBstHD9Dp5FiXs9pTcJ7Zioq261PPNYVjT31IWKDg5u6zJ8oM4nM53wQMasXaD58VUjS1tVscpMz9ZM0XYE24p\\_Hh8BaXgW0HPgHaS4D5b4\\_2Xo6c6OF8qntpmC617tIEEnL-omYZpPCPk7RSga9EcHU11](https://scholar.google.com/citations?hl=en&user=_c7a-BcAAAAJ&view_op=list_works&citft=1&citft=2&citft=3&email_for_op=sirwa.qadir77%0gmail.com&gmla=AJsNF5_n4dXMsvPuQGY16f9drUx3yVa2nlxBPx1DSSjGGzN1th2ftKH73GYxSDWd0nglKnZJ1t6J7MeSk_dd82FurqAeu6toMBHdYWibHMmNBstHD9Dp5FiXs9pTcJ7Zioq261PPNYVjT31IWKDg5u6zJ8oM4nM53wQMasXaD58VUjS1tVscpMz9ZM0XYE24p_Hh8BaXgW0HPgHaS4D5b4_2Xo6c6OF8qntpmC617tIEEnL-omYZpPCPk7RSga9EcHU11)
- <https://www.researchgate.net/profile/Sirwa-Qadir>
- <https://orcid.org/0000-0001-8012-5580>
- <https://www.linkedin.com/in/sirwa-qadir-257150101>